Index of Claims

| Applicat | tion/Cor | itrol | No. |
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Applicant(s)/Patent under Reexamination

10/803,412 Examiner

Date

NIEBLING ET AL. Art Unit

Lenard A. Footland

3682

Rejected Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

Claim

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
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| 0 | Objected |

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| Cla  | im             | Date     |          |           |  |              |  |          |                |                 |  |
| Final  | _              | 1/3/06   |          |           |  |              |  |          |                |                 |  |
| -  | 1              | =        | _        | $\vdash$  |  |              |  | _        |                |                 |  |
|  | 2              | ÷        |          | ╁╌        | $\vdash$   |              |  |          |                |                 |  |
|  | 3              | H        | $\vdash$ | 1         | 一  | -            | H  |          | _              |                 |  |
|  | 4              | H        |          | $\vdash$  | Г  |              |  |          |                |                 |  |
|  | 4<br>5         |          |          |           |  |              |  |          |                |                 |  |
|  | 6<br>7         | Ш        |          |           |  |              |  |          |                | Ш               |  |
|  |                | 1        | _        | <u> </u>  | <u> </u>   |              |  |          |                | Н               |  |
|  | 8              | ₩        | -        | ╀         | ├-   |              |  |          |                | Н               |  |
|  | 10             | ₩        | H        | ⊢         | ⊢  | -            | -  |          | _              | Н               |  |
|  | 11             | ╁        | -        | $\vdash$  | ┢  | $\vdash$     |  |          |                | Н               |  |
| <del>                                     </del> | 12             | H        | -        | †         | T  | $\vdash$     |  |          |                | $\vdash$        |  |
| $\vdash$   | 13             | $\sqcap$ |          | 1         |  |              |  | Т        |                |                 |  |
|  | 13<br>14       | $\Box$   |          |           |  |              |  |          |                |                 |  |
|  | 15             | П        |          |           |  |              |  |          |                |                 |  |
|  | 16<br>17<br>18 | Ц        |          | $\perp$   | <u> </u>   | L            |  | <u> </u> | _              | Ц               |  |
|  | 17             | $\sqcup$ | _        | 上         | <u> </u>   | <u> </u>     |  |          | ļ              | Н               |  |
|  | 18             | H        | L        | ├-        | <del>-</del>                                     |              | $\vdash$   |          |                | Н               |  |
|  | 19<br>20       | H        | _        | -         | ┼-   | ⊢            |  | ┝        | -              | Н               |  |
|  | 21             | H        | ┢        | ╁         | +  | ╁            | $\vdash$   | $\vdash$ | -              | $\vdash$        |  |
|  | 22             | H        | -        | <u> </u>  |  | ╁            | <del>                                     </del> |          | -              |                 |  |
|  | 23             | V        | T        |           | 1  | Г            |  |          | 1              | П               |  |
|  | 24<br>25       | 1        |          |           |  |              |  |          |                |                 |  |
|  | 25             |          |          |           |  |              |  |          |                |                 |  |
| <u> </u>   | 26             | <u> </u> |          | 1         | <u> </u>   | _            | _  | <u> </u> | ļ              | Ш               |  |
| <u> </u>   | 27             | <u> </u> | ļ        | ╀         | ⊢  | <b> </b> _   | <u> </u>   | <u> </u> | <u> </u>       | Н               |  |
|  | 27<br>28<br>29 | ╀        | -        | ╁         | +  | <del> </del> | ₩  | -        | ├-             | Н               |  |
| -  | 30             | +        | ┝        | ╁         | ╁  | H            | <del> </del>                                     | $\vdash$ | ┢              | Н               |  |
| _  | 30<br>31       | $\vdash$ | ╁╴       | ╁╌        | ┢  | H            |  | ┢╾       | ╁┈             | Н               |  |
|  | 32             | T        | T        | 十         | T  | 1            | T  |          | Г              | П               |  |
|  | 33             |          | T        | T         | <del>                                     </del> |              |  |          |                |                 |  |
|  | 34             |          |          |           |  |              | L  |          |                |                 |  |
|  | 35             |          | L        | _         | 1  |              | L  | L        | _              | Ш               |  |
| <u> </u>   | 36             | ـ        | $\vdash$ | $\perp$   | -  | 1            | ├-   | <u> </u> | <u> </u>       | $\sqcup$        |  |
|  | 37             | $\vdash$ | $\vdash$ | +         | +-   | -            | <del> </del>                                     | _        | -              | $\vdash$        |  |
| -  | 38<br>39       | $\vdash$ | $\vdash$ | +-        | +  | ╁            | $\vdash$   | $\vdash$ | $\vdash$       | $\vdash$        |  |
| $\vdash$   | 40             | ╁        | $\vdash$ | +         | ╁  | +            | $\vdash$   | $\vdash$ | $\vdash$       | $\vdash$        |  |
| $\vdash$   | 41             | $\vdash$ | +-       | $\dagger$ | $\top$   | $\vdash$     | $\vdash$   | T        | $\vdash$       | Н               |  |
|  | 42             | 1        | +        | T         | T  | 1            | 1_   |          |                | П               |  |
|  | 43             |          |          | Γ         |  |              |  |          |                |                 |  |
|  | 44             |          |          | L         |  |              |  | L        |                | П               |  |
|  | 45             | L        |          |           | $\perp$  | L            | 1  | L        | <del> </del> _ | $\sqcup$        |  |
|  | 46             | $\vdash$ | ╄-       | +         | +  | $\vdash$     | ├  | $\vdash$ | ├-             | Н               |  |
| -  | 47<br>48       | ╀        | +        | ╁         | ╁  | ┼-           | +  | $\vdash$ | ├              | $\vdash \vdash$ |  |
| -  | 49             | ╁        | ╁        | +         | ╁  | ╁            | $\vdash$   | $\vdash$ | +              | $\vdash\vdash$  |  |
| <b> </b>   | 50             | +        | +        | +         | +  | +            | +  | +        | +              | $\vdash$        |  |
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| Final    | Original                         |  |          |          |  |  |          |              |          |          |
|          | 51                               |  |          |          |  |  |          |              |          |          |
| _        | 52                               |  |          |          |  |  |          |              |          |          |
|          | 53                               |  |          | H        | -  | $\vdash$   |          |              |          | $\neg$   |
|          | 51<br>52<br>53<br>54<br>55       |  | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   |          |              |          |          |
| $\vdash$ | 55                               |  | $\vdash$ | ├        | ├-   | $\vdash$   |          | _            |          | _        |
|          | 55                               |  | ⊢        | ┢        | <del>                                     </del> | -  | -        |              | $\vdash$ | -        |
|          | 56<br>57                         |  | <u> </u> | ⊢        | <u> </u>   | -  |          |              | -1       | _        |
|          | 5/                               |  | <u> </u> | <u> </u> |  | -  |          | _            | $\vdash$ | _        |
| -        | 58                               |  | <u> </u> | -        | _  |  |          | $\vdash$     | Н        | _        |
|          | 59<br>60                         |  | _        | <u> </u> | _  | _  |          |              | -        | _        |
| <u></u>  | 60                               |  | <u>_</u> | _        |  |  |          |              |          |          |
|          | 61                               |  | _        | L        | _  | _  | L        |              |          |          |
|          | 62                               |  | _        |          | L  |  |          |              |          |          |
|          | 63                               |  |          | <u> </u> |  |  |          |              |          |          |
|          | 62<br>63<br>64<br>65             |  |          | L        |  |  |          |              |          |          |
|          | 65                               |  |          | Γ        |  |  |          |              |          |          |
|          | 66                               |  |          | Π        | T  |  |          |              | П        |          |
|          | 67                               | _  | _        | t        | T  | $\vdash$   |          |              |          |          |
|          | 67<br>68                         | -  | _        | T        | $\vdash$   | <del>                                     </del> | 1        |              |          |          |
| <u> </u> | 69                               |  | +-       | ╁        | $\vdash$   | ┢  | -        | $\vdash$     | Н        |          |
| -        | 70                               |  | -        | $\vdash$ | ┢  | -  | -        | $\vdash$     | -        | -        |
| _        | 70                               |  | ├        | ├        |  | ┢  | ├        | $\vdash$     | -        | -        |
| <u> </u> | 77                               | $\vdash$   | ⊢        | ╀        | ├  | ┝  | $\vdash$ | ├-           | H        | $\vdash$ |
|          | 72                               | ┡  | ├-       | ⊢        | $\vdash$   |  | ├        | ⊢            | _        | <u> </u> |
|          | 73                               | ├  | -        | -        | ┡  | ⊢  | ├        | <b>!-</b> -  |          | _        |
|          | 70<br>71<br>72<br>73<br>74<br>75 | _  | _        | ┞        | ┞_   | ļ  |          | ļ            | <u> </u> | <u> </u> |
| <u></u>  | 75                               | _  | ╙        | ┡        | ┡  | <u> </u>   | <u> </u> | _            | <u> </u> | _        |
|          | 76<br>77                         | $oxed{oxed}$                                     | _        | <u> </u> | <u> </u>   | _  | _        | <u>_</u>     | L        | _        |
| <u></u>  | 77                               | L  | _        | L        | _  | _  | ┖        | <u> </u>     | L.       | <u> </u> |
|          | 78<br>79                         | L  | <u> </u> | <u> </u> | <u> </u>   | L  | <u> </u> | <u> </u>     | _        | L        |
| Ĺ        | 79                               | <u>_</u>   | L        |          |  |  |          | $oxed{oxed}$ |          |          |
|          | 80                               |  |          |          |  |  | L        |              |          | L        |
|          | 81<br>82                         |  | Γ        | 1        |  |  |          |              |          |          |
|          | 82                               | Г  | Г        | Π        | Π  | Π  | Π        |              |          |          |
|          | 83                               |  | Τ.       | Τ        |  |  |          |              |          |          |
|          | 84                               |  | 1        | 1        | T  | Т  | T        |              |          |          |
|          | 85                               | 1  | T        | T        | Π  | Π  |          |              |          |          |
|          | 86                               | Т  | $\vdash$ | 1        | $I^-$  | 1  |          | Г            |          |          |
|          | 87                               | t  | †        | 1        | T  | T  | $\vdash$ | $\vdash$     | T        |          |
|          | 88                               | 1  | †        | T        | T  | $t^-$  | T        | T            |          | $\vdash$ |
| _        | 89                               | <del>                                     </del> | $\vdash$ | t        | t  | 1  | $t^-$    | $t^-$        | T        | $\vdash$ |
| $\vdash$ | 90                               | $\vdash$   | +-       | +        | 1  | +  | t        | 1            | -        | $\vdash$ |
|          | 91                               | $\vdash$   | +        | +        | ╁╌   | ╁  | $\vdash$ | $\vdash$     | $\vdash$ | 1-       |
| _        |                                  | -  | +        | ╫        | +-   | +  | +        | +            | +-       | $\vdash$ |
| $\vdash$ | 92<br>93                         | -  | +        | +-       | +-   | +-   | ╁        | $\vdash$     | $\vdash$ | +-       |
|          | 93                               | 1  | +        | +        | ╁  | +-   | $\vdash$ | -            | +-       | $\vdash$ |
| -        | 94                               | $\vdash$   | -        | +-       | +-   | +  | $\vdash$ | 1            | ⊢        | ├        |
| <u></u>  | 95                               | <del> </del>                                     | +        | +        | +  | +  | -        | 1            | ╀        |          |
|          | 96                               | <b> </b>   | 1        | ┼        | -  | 4  | ╀-       | ↓_           |          |          |
| <u></u>  | 97                               | 1_   | 1        | 1_       | 1_   | ↓_   | ↓        | ↓_           |          | ↓_       |
|          | 98                               | <u> </u>   | <u> </u> | 1_       | _  | 上  | _        | $\perp$      | _        | <u> </u> |
|          | 99                               | $\perp$  | $\perp$  | 丄        | ⊥_   | <u> </u>   | L        | $\perp$      | 1        | $\perp$  |
|          | 100                              | L  |          | L        | L  |  | 1        |              |          | 1_       |

| Cla      | aim                             | Date     |          |          |                |          |          |          | $\neg$         |          |
|----------|---------------------------------|----------|----------|----------|----------------|----------|----------|----------|----------------|----------|
|          |                                 | П        |          |          | T              |          |          |          |                | $\dashv$ |
| Final    | Original                        |          |          |          |                |          |          |          | -              | 1        |
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|          | 101                             |          |          |          |                |          |          |          | _              | ┪        |
|          | 102                             |          |          |          |                |          |          |          |                | $\neg$   |
|          | 103                             |          |          |          |                | _        |          |          |                | ᅱ        |
|          | 103<br>104                      |          | $\neg$   | ヿ        |                |          |          | $\neg$   |                | $\neg$   |
|          | 105                             | П        |          |          |                |          |          |          |                | $\neg$   |
|          | 106                             | П        |          |          |                | Г        |          |          |                | $\neg$   |
|          | 107                             | Н        |          |          |                | $\vdash$ |          |          |                | $\neg$   |
|          | 107<br>108                      | $\Box$   |          |          |                |          |          |          |                | $\neg$   |
|          | 109                             |          |          |          |                |          |          |          |                |          |
|          | 110                             |          |          |          |                |          |          |          |                |          |
|          | 111                             |          |          |          |                |          |          |          |                |          |
|          | 112                             | П        |          |          |                |          |          |          |                |          |
|          | 111<br>112<br>113               | П        |          |          |                |          |          |          |                |          |
|          | 114<br>115                      |          |          |          |                |          |          |          |                |          |
|          | 115                             | П        |          |          |                |          |          |          |                |          |
|          | 116                             |          |          |          |                |          |          |          |                |          |
|          | 117<br>118<br>119               |          |          |          |                |          |          |          |                |          |
|          | 118                             |          |          |          |                |          |          |          |                |          |
|          | 119                             |          |          |          |                |          |          |          |                |          |
|          | 120<br>121                      | П        |          |          |                |          |          |          |                |          |
|          | 121                             |          |          |          |                |          |          |          |                |          |
|          | 122                             |          |          |          |                |          |          |          |                |          |
|          | 123<br>124<br>125<br>126<br>127 |          |          |          |                |          |          |          |                |          |
|          | 124                             |          |          |          |                |          |          |          |                |          |
|          | 125                             |          |          |          |                |          |          |          |                |          |
|          | 126                             |          |          |          |                |          | _        |          |                | Щ        |
|          | 127                             |          |          |          |                |          |          |          | <u> </u>       | L        |
|          | 128                             |          |          | L        |                | _        |          | L        | <u> </u>       |          |
|          | 129                             |          | <u> </u> |          | L              | L        | _        |          |                | Ш        |
|          | 128<br>129<br>130               |          | _        | L        | L              | L        | <u> </u> | L        |                |          |
|          | 131                             |          | _        |          | L              | <u> </u> | _        | <u> </u> |                | Ш        |
|          | 131<br>132                      |          |          | L.       |                | <u> </u> | $\vdash$ | <u> </u> | L_             | Ш        |
|          | 133                             | 1        | L        | L_       |                | <u>L</u> | $\vdash$ | <u> </u> | <u> </u>       | Ш        |
|          | 134                             | <u> </u> |          | <u> </u> | <u> </u>       | ↓_       | ┞        | ļ        | <u> </u>       | Ш        |
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| L        | 136<br>137                      | ₩        | <u> </u> | Ь_       | <u> </u>       | <u> </u> |          | ₩        | <del>  _</del> | $\vdash$ |
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|          | 138                             | <u> </u> | <u> </u> | <u> </u> | <u> </u>       | ↓_       | ╄        | ऻ        | ⊢              |          |
|          | 139                             | ļ        | L        | ┡        |                | ┼-       | ┼        | -        | ⊢              | -        |
| <u> </u> | 140                             | ⊢        | <u> </u> | ┝        | -              | ╀        | ⊢        | -        | ⊢              | $\vdash$ |
| <u> </u> | 141                             | +-       | <u> </u> | $\vdash$ | <del> </del> — | $\vdash$ | +        | ⊢        | ⊢              | Н        |
| <u> </u> | 142                             | +-       | -        | -        | ⊢              | +-       | ╁        | $\vdash$ | -              | $\vdash$ |
|          | 143                             | +        | -        | $\vdash$ | ├-             | ╄        | +        | +-       | +              | 1        |
|          | 144                             | $\vdash$ | -        |          |                | +-       | +        | +-       | ┼              | $\vdash$ |
|          | 145                             | +-       | -        | ╁        | ╁              | +-       | +-       | ╁        | $\vdash$       | ├        |
|          | 146                             | ┼        | ├-       | ├        | ⊢              | ╁        | +-       | ╁        | $\vdash$       | -        |
| <u> </u> | 147                             | $\vdash$ | $\vdash$ | ├-       | ⊢              | +-       | ╁        | ╁        | ╁              | ┝        |
| <u> </u> | 148                             | $\vdash$ | $\vdash$ | $\vdash$ | ╄              | ╁        | +        | -        | ┼-             | $\vdash$ |
|          | 149                             | +-       | ├-       | ⊢        |                | +        | +-       | $\vdash$ | ⊢              | -        |
| L        | 150                             | _        | _        | <u></u>  | l              | <u> </u> |          | _        | <u></u>        | <u> </u> |